PCT09

RAW SEQUENCE LISTING   DATE: 06/20/2002
PATENT APPLICATION: US/10/018,094   TIME: 13:42:47

Input Set : A:\Nephr-us.app
Output Set: N:\CRF3\06202002\J018094.raw

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     3 <110> APPLICANT: Holthofer, Harry
     5 <120> TITLE OF INVENTION: The Use of Soluble Protein Molecules Expressed by the
     6       Pancreas and Kidney Glomerules
     8 <130> FILE REFERENCE: 9B17PC-US
C-->10 <140> CURRENT APPLICATION NUMBER: US/10/018,094
    11 <141> CURRENT FILING DATE: 2000-06-15
    13 <150> PRIOR APPLICATION NUMBER: PCT/FI00/00540
    14 <151> PRIOR FILING DATE: 2000-06-15
    16 <150> PRIOR APPLICATION NUMBER: FI991369
    17 <151> PRIOR FILING DATE: 1999-06-15
    19 <160> NUMBER OF SEQ ID NOS: 7
    21 <170> SOFTWARE: PatentIn Ver. 2.1
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117             35              40               45
119 Val Glu Leu Arg Cys Gly Val Ser Thr Pro Gly Ser Ala Val Gln Trp
120         50               55              60
122 Ala Lys Asp Gly Leu Leu Leu Gly Pro Asp Pro Arg Ile Pro Gly Phe
123  65               70              75                   80
125 Pro Arg Tyr Arg Leu Glu Gly Asp Pro Ala Arg Gly Glu Phe His Leu
126             85              90                   95
128 Leu Ile Glu Ala Cys Asp Leu Ser Asp Asp Ala Glu Tyr Glu Cys Gln
129             100             105              110
131 Val Gly Arg Ser Glu Met Gly Pro Glu Leu Val Ser Pro Arg Val Ile
132         115             120             125
134 Leu Ser Ile Leu Val Pro Pro Lys Leu Leu Leu Leu Thr Pro Glu Ala
135         130             135             140
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138 145             150             155                  160
140 Val Ser Gly Asp Ala Lys Pro Ala Pro Asp Ile Thr Ile Leu Leu Ser
141             165             170             175
143 Gly Gln Thr Ile Ser Asp Ile Ser Ala Asn Val Asn Glu Gly Ser Gln
144             180             185             190
146 Gln Lys Leu Phe Thr Val Glu Ala Thr Ala Arg Val Thr Pro Arg Ser
147             195             200             205
149 Ser Asp Asn Arg Gln Leu Leu Val Cys Glu Ala Ser Ser Pro Ala Leu
150         210             215             220
152 Glu Ala Pro Ile Lys Ala Ser Phe Thr Val Asn Val Leu Phe Pro Pro
153 225             230             235             240
155 Gly Pro Pro Val Ile Glu Trp Pro Gly Leu Asp Glu Gly His Val Arg
156             245             250             255
158 Ala Gly Gln Ser Leu Glu Leu Pro Cys Val Ala Arg Gly Gly Asn Pro
159             260             265             270
161 Ile Ala Thr Leu Gln Trp Leu Lys Asn Gly Gln Pro Val Ser Thr Ala
162         275             280             285
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165         290             295             300
167 Thr Val Arg Pro Glu Asp His Gly Ala Gln Leu Ser Cys Glu Ala His
168 305             310             315             320
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174             340             345             350
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177         355             360             365
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189             420                    425                    430
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192             435                    440                    445
194 Pro Pro Glu Gly Gln Lys Leu Arg Ala Gly Thr Arg Val Arg Leu Val
195     450                    455                    460
197 Cys Leu Ala Ile Gly Gly Asn Pro Glu Pro Ser Leu Met Trp Tyr Lys
198 465                        470                    475                    480
200 Asp Ser Arg Thr Val Thr Glu Ser Arg Leu Pro Gln Glu Ser Arg Arg
201             485                    490                    495
203 Val His Leu Gly Ser Val Glu Lys Ser Gly Ser Thr Phe Ser Arg Glu
204             500                    505                    510
206 Leu Val Leu Val Thr Gly Pro Ser Asp Asn Gln Ala Lys Phe Thr Cys
207             515                    520                    525
209 Lys Ala Gly Gln Leu Ser Ala Ser Thr Gln Leu Ala Val Gln Phe Pro
210     530                    535                    540
212 Pro Thr Asn Val Thr Ile Leu Ala Asn Ala Ser Ala Leu Arg Pro Gly
213 545                        550                    555                    560
215 Asp Ala Leu Asn Leu Thr Cys Val Ser Val Ser Ser Asn Pro Pro Val
216             565                    570                    575
218 Asn Leu Ser Trp Asp Lys Glu Gly Glu Arg Leu Glu Gly Val Ala Ala
219             580                    585                    590
221 Pro Pro Arg Arg Ala Pro Phe Lys Gly Ser Ala Ala Ala Arg Ser Val
222             595                    600                    605
224 Leu Leu Gln Val Ser Ser Arg Asp His Gly Gln Arg Val Thr Cys Arg
225     610                    615                    620
227 Ala His Ser Ala Glu Leu Arg Glu Thr Val Ser Ser Phe Tyr Arg Leu
228 625                        630                    635                    640
230 Asn Val Leu Tyr Arg Pro Glu Phe Leu Gly Glu Gln Val Leu Val Val
231             645                    650                    655
233 Thr Ala Val Glu Gln Gly Glu Ala Leu Leu Pro Val Ser Val Ser Ala
234             660                    665                    670
236 Asn Pro Ala Pro Glu Ala Phe Asn Trp Thr Phe Arg Gly Tyr Arg Leu
237     675                    680                    685
239 Ser Pro Ala Gly Gly Pro Arg His Arg Ile Leu Ser Ser Gly Ala Leu
240     690                    695                    700
242 His Leu Trp Asn Val Thr Arg Ala Asp Asp Gly Leu Tyr Gln Leu His
243 705                        710                    715                    720
245 Cys Gln Asn Ser Glu Gly Thr Ala Glu Ala Arg Leu Arg Leu Asp Val
246             725                    730                    735
248 His Tyr Ala Pro Thr Ile Arg Ala Leu Gln Asp Pro Thr Glu Val Asn
249             740                    745                    750
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252     755                    760                    765
254 Leu Pro Gly Met Phe Asn Trp Glu Arg Leu Gly Glu Asp Glu Glu Asp
255     770                    775                    780
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266 Val Val Arg Phe Ala Pro Gln Val Glu His Pro Thr Pro Leu Thr Lys
267         835             840             845
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270     850             855             860
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273 865             870             875                 880
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285     930             935             940
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312         1075            1080            1085
314 Arg Leu Arg Arg Leu Ala Glu Gly Ile Ser Glu Lys Thr Glu Ala Gly
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321             1125            1130            1135
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VERIFICATION SUMMARY   DATE: 06/20/2002
PATENT APPLICATION: US/10/018,094   TIME: 13:42:48

Input Set : **A:\Nephr-us.app**
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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number